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United States Department of Agriculture.

SERVICE AND REGULATORY ANNOUNCEMENTS.

BUREAU OF ANIMAL INDUSTRY.

AUGUST, 1923.

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 25 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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CHANGES IN DIRECTORY.

Meat Inspection Granted.

* 1. Armour & Co., Union Stock Yards, Chicago, Ill., and the Anglo-American Provision Co., the Colorado Packing & Provision Co., Fairbank Canning Co., Fowler Packing Co., Friedman Manufacturing Co., German-American Provision Co. (Chicago Ill.), Halstead & Co., Hammond Packing Co., Liebig's Extract of Beef Co., Morris & Co., New York Butchers' Dressed Meat Co., the North American Provision Co., Prairie State Packing Co., James Wright & Co.

19-F. The Cudahy Packing Co., 23 West Calhoun Street, Memphis, Tenn.

419-G. The Great Atlantic & Pacific Tea Co., 643 Elmwood Avenue, Providence, R. I.

Changes in Names of Official Establishments.

* 298. Gust Juengling & Son Co., 2869 Massachusetts Avenue, Cincinnati, Ohio, instead of Gustav Juengling.

* 368. C. A. Freund Packing Co., 1215 West Liberty Street, Cincinnati, Ohio, instead of Charles A. Freund.

* 502. Standard Packing Co., 1200 North Second Street, East St. Louis, Ill., instead of Sheehan Bros. Packing & Provision Co.

* 739. The Jacob Schlachter's Sons Co., 2831 Colerain Avenue, Cincinnati, Ohio, instead of Jacob Schlachter's Sons.

Change in Address of Official Establishment.

531. Hately Bros. Co., Chicago, Ill., omit "mail, 141 W. Jackson Boulevard."

Changes in Addresses of Officials in Charge.

Dr. E. F. Haven, care Armour & Co., P. O. box 359, Jacksonville, Fla., instead of care Farris & Co.

Dr. Frank Jelen, Stock Yards Station, Cincinnati, Ohio, add "3125 Spring Grove Avenue."

* Conducts slaughtering.

Add to Address List.

Dr. A. F. Staub, in charge meat inspection, 323–324 New Post Office Building, New Orleans, La., effective October 1.

Dr. R. W. Tuck, international inspection and quarantine, care the American consul, London, England, effective October 1.

Mr. A. C. Weimer, in charge butter and by-products, 1501 Vine Street, La Crosse, Wis.

Remove from Address List.

Dr. R. W. Tuck, New Orleans, La.

Dr. W. H. Wray, London, England.

NOTICES REGARDING MEAT INSPECTION.

MARKING SAUSAGE AND OTHER PRODUCTS IN ANIMAL CASINGS.

Referring to Regulation 16, section 2, paragraph 4, B. A. I. Order 211 (revised), and also to Service and Regulatory Announcements of March, 1923, notice under the caption "Marking sausage and other products in animal casings," the word "cartons" as contained in the regulation and ruling in question should be construed as including wrappers, and accordingly unbranded sausage and other meat food products in animal casings smaller than the ordinary ring variety may leave establishments in open-end or sealed wrappers which are properly labeled, contain only one kind of product, and have a capacity not exceeding 10 pounds.

APPROVAL OF LABELS AND OTHER MARKINGS ON MEAT AND PRODUCTS.

With the view to simplifying the approval of labels and other markings on meat and products the following procedure is authorized:

1. The approval of any paper label, lithographed label, wrapper, carton, corrugated or fiber container, paper tub, cup, and similar package, liner, circle, ink brand and burning brand should be accepted by inspectors as authority to permit the use of larger materials on which all features of the marking are proportionately enlarged. Such approval may also be considered as in blanket form so far as concerns the figures denoting the net weight. However, when materials are corrected by obliterating any features, including figures or statements of weight, such correction will necessitate the resubmission for approval of the materials involved.

2. Lithographed labels may be submitted for final approval in the form of paper take-offs in lieu of the metal sections of the containers. Such paper take-offs should not be in the form of negatives but should be a complete reproduction of the label as it will appear on the package, including any color scheme involved.

3. The approval of paper labels may be considered as in blanket form in so far as concerns the name or name and address of the distributor. Accordingly, a master or stock label from which the name of the distributor is omitted may be submitted and the approval of such label will obviate the necessity of individual approval of the label in which the name or name and address of the distributor is inserted.

4. In cases where it is shown to the satisfaction of the inspector in charge that reprints of formerly approved labels differ slightly from the approved copies owing to printers' or clerical error and such difference is inconsequential the inspector in charge is authorized to approve tentatively such materials for use pending prompt submission to the Washington office.

5. The mere addition to approved labels of the words "Registered in U. S. Patent Office" or an equivalent statement will not necessitate the resubmission for approval of labels so modified.

6. Cartons and similar containers may be submitted in the form of photostatic proofs and when such proofs are marked by the bureau with stamp indicating unqualified approval, such approval may be accepted as authorizing the use of the finished containers without additional approval.

7. With a view to reducing existing files establishments may, if they so desire, submit four photostatic copies of each previously approved carton or similar container accompanied by a reference to the previous approval number and a request that they be marked with stamp of approval and number in duplicate of those assigned to the original copies. Upon the return of such photostatic copies marked as indicated they may be substituted in place of the originals in the bureau station files.

8. In the case of fiber or corrugated containers, if photostatic copies are not submitted, the printed layer known as the craft sheet should be separated from the pulp or corrugated body of the container and submitted for approval in lieu of the complete container. The printed layers of all of the sections of the container (except such as are duplicates and of which only a representative section need be submitted) should be assembled so as to result in a complete unit representing all the printed matter on the container. The craft sheets described may be obtained from the manufacturer

of the containers at the time supplies are printed, but if for any reason they are not thus obtained they should, previous to their submission for approval, be separated from the containers by the establishment through soaking or other process.

9. The approval of stencils and box dies may be accepted as authority for the inspector to permit the use of larger stencils and dies on which all features are proportionately enlarged.

10. The approval of stencils may be accepted as authorizing the use of stencils bearing the same wording but somewhat differently arranged provided the same continuity of wording is preserved. As an illustration, the approval of a rectangular stencil will authorize the use of a similar stencil which is square, oval, or circular in design, notwithstanding such change in shape may result in a reduction or increase in the number of lines.

11. Stencils and box dies submitted for approval hereafter should be in the form of printed proofs, small blue prints, or small reproductions in pen and ink. Reproductions on the typewriter or in pencil will not be accepted. In order to reduce existing files establishments may, if they so desire, submit four of such reproductions of previously approved stencils or box dies accompanied by a reference to the approval number and a request that same be marked with stamp of approval and number in duplicate of those assigned to the materials previously submitted. If establishments are not interested in the submission of reproductions of previously approved stencils or dies, inspectors in charge may have triplicate pen and ink reproductions prepared by bureau employees and submit same for duplicate stamp of approval and return of duplicates for substitution in place of the originals in the bureau station files.

12. In cases where it is shown to the satisfaction of the inspector in charge that emergencies exist warranting such action, the inspector in charge may permit the use of unapproved stencils and box dies which in his opinion conform to existing rulings and regulations, provided the proposed markings are promptly submitted to the Washington office for approval.

13. The approval of stencils may be considered as in blanket form so far as concerns the name or name and address of the distributor and the figures denoting quantity. The mere addition of a statement of net weight to a formerly approved stencil or box die does not require the resubmission of such modified stencil or box die for approval.

14. Two or more approved stencils or box dies may be used in combination where it does not result in inconsistent or deceptive marking. Stencils bearing qualifying statements such as "Artificially colored," "Cereal added," "Dried skimmed milk added," etc., will hereafter be approved but it should be understood that any such qualifying statement is held to represent a part of the name of the product and must in all cases appear in direct connection therewith.

The foregoing rulings supersede those contained in bureau circular letter No. 1197, dated July 6, 1923.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, JULY, 1923.

Station.	Cattle.	Calves.	Sheep.	Goats.	Swine.
Brooklyn	6,176	6,558	32,237	.....	.....
Buffalo	8,750	4,181	9,339	.....	84,124
Chicago	159,831	44,301	220,958	.....	720,317
Cleveland	9,569	8,896	9,223	.....	98,191
Fort Worth	36,727	32,856	21,898	49	19,987
Jersey City	4,590	9,417	29,185	1	48,913
Kansas City	91,463	41,508	85,856	200	289,131
National Stock Yards	25,999	15,923	48,438	125	128,256
New York	29,300	44,126	122,632	96	79,738
Omaha	72,318	5,037	137,203	25	262,734
Philadelphia	9,410	7,320	18,607	.....	84,952
St. Louis	14,992	4,374	7,160	.....	153,177
Sioux City	24,703	851	5,875	.....	146,282
South St. Joseph	27,835	5,451	42,929	1	159,882
South St. Paul	23,808	38,189	11,734	.....	177,065
All other establishments	179,425	109,525	158,517	345	1,539,686
Total:					
July, 1923	724,896	378,513	961,791	842	3,983,435
July, 1922	697,303	329,445	964,109	222	3,104,322
7 months ended July, 1923	4,977,529	2,649,591	6,643,261	9,883	30,992,931
7 months ended July, 1922	4,598,207	2,444,312	6,170,817	4,767	24,627,378

Horses slaughtered at all establishments, July, 1923, 204. Inspections of lard prepared at all establishments, 169,267,006 pounds; compound and other substitutes, 25,907,433 pounds. Corresponding inspections for July, 1922: Lard, 146,063,714 pounds: compound and other substitutes, 28,561,612 pounds (These totals do not represent actual production, as the same lard or compound may have been inspected and recorded more than once in the process of manufacture.)

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS.

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during July, 1923, with figures for other periods for comparison.

Imports of food animals.

Country of export.	Cattle.	Swine.	Sheep.	Goats.
Mexico	675	1	1,676	56
Canada	6,657	24	356	.....
Great Britain	38	8	.....	.....
Total:				
July, 1923	7,370	33	2,032	56
July, 1922	19,836	164	1,591	6,382
7 months ended July, 1923	58,018	1,585	15,444	75
7 months ended July, 1922	64,922	850	26,923	6,865

Imports of meat and meat food products.

Country of export.	Fresh and refrigerated.		Canned and cured.	Other products.	Total weight.
	Beef.	Other.			
	Pounds.	*Pounds.*	*Pounds.*	*Pounds.*	*Pounds.*
Argentina	18,657	.....	90,000	.....	108,657
Australia	100	4,900	.....	.....	5.000
Brazil	.....	2,611	35,000	.....	37,611
Canada	652,042	453,324	6,275	.....	1,111,641
Uruguay	.....	.....	744,352	.....	744,352
Other countries	20	6,205	113,387	33,388	153,000
Total:					
July, 1923	670,819	467,040	989,014	33,388	2,160,261
July, 1922	2,863,075	761,944	333,275	16,299	3,974,593
7 months ended July, 1923	3,738,828	7,100,989	7,411,098	814,743	19,065,658
7 months ended July, 1922	6,723,728	11,967,287	3,700,493	611,733	23,003,241

Condemned in July, 1923: Beef, 181 pounds; pork, 215 pounds; total, 396 pounds. Refused entry Pork, 492 pounds.

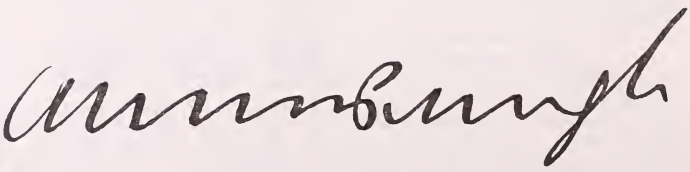
DEATH OF DR. W. H. WRAY.

A cable message from England on August 24 announced the death of Dr. W. H. Wray, representative of the bureau at London, England. Doctor Wray entered the bureau service in 1884, and having been stationed at London ever since 1890 was probably personally best known by employees who entered the service in the early history of the bureau, especially those who were engaged in contagious pleuropneumonia work between 1884 and 1890.

No particulars have thus far been received, but it is believed that the passing of Doctor Wray was comparatively sudden.

FOREIGN OFFICIALS AUTHORIZED TO SIGN INSPECTION CERTIFICATES FOR MEAT AND PRODUCTS FOR IMPORTATION INTO THE UNITED STATES.

The following is an additional name, address, and facsimile signature of a foreign national Government official authorized to sign and issue certificates of inspection for meat and meat food products offered for importation into the United States:

Country and name.	Signature.
ENGLAND.	
A. M. Pringle	

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION WITH THE VARIOUS STATES, JULY, 1923.

State.	Tuberculin tests.			Total once-tested free herds.	Total accredited herds.	Total herds under supervision.	Inspector in charge.	State official.
	Herds or lots.	Cattle tested.	Cattle reacted.					
Ala	137	1,954	32	845	125	963	R. E. Jackson	C. A. Cary, Auburn.
Ariz				489	0	666	F. L. Schneider	S. E. Douglas, Phoenix.
Ark	3	96	0	167	45	227	L. E. Lyons	J. H. Bux, Little Rock.
Calif	48	1,531	11	1,739	7	2,023	R. Snyder	J. P. Iverson, Sacramento.
Colo	31	731	17	79	4	105	W. E. Howe	C. G. Lamb, Denver.
Conn	146	2,429	336	954	267	1,221	R. L. Smith	J. M. Whittlesey, Hartford.
Del	79	689	30	1,108	553	2,331	W. G. Middleton	O. A. Newton, Bridgeville.
D. C	64	132	2	313	30	345	J. A. Kiernan	
Fla	177	2,816	23	4,052	192	4,982	J. G. Fish	J. V. Knapp, Tallahassee.
Ga	140	1,959	2	2,666	43	3,040	A. L. Hirleman	P. F. Bahnsen, Atlanta.
Idaho	372	4,605	35	8,973	139	10,669	W. A. Sullivan	W. R. Smith, Boise.
Ill	1,539	12,546	684	971	454	12,223	J. J. Lintner	F. A. Laird, Springfield.
Ind	1,382	13,203	162	16,726	3,692	22,985	E. B. Haskin	R. C. Julien, Indianapolis.
Iowa	1,114	22,481	601	5,544	2,187	10,454	J. A. Barger	P. Malcolm, Des Moines.
Kans	113	3,076	9	463	687	1,323	N. L. Townsend	J. H. Mercer, Topeka.
Ky	821	6,388	70	15,524	237	18,138	W. F. Biles	W. H. Simmons, Frankfort.
La	377	4,305	145	1,038	120	266	R. W. Tuck	E. P. Flower, Baton Rouge.
Me	776	4,773	32	12,349	1,554	13,902	J. B. Reidy	H. M. Tucker, Augusta.
Md	570	7,222	774	2,689	513	4,961	T. A. Ladson	James B. George, Baltimore.
Mass	55	1,000	179	210	91	334	E. A. Crossman	L. H. Howard, Boston.
Mich	1,114	11,689	248	28,582	477	34,066	T. S. Rich	H. W. Norton, jr., Lansing.
Minn	605	11,167	273	2,431	2,763	6,074	W. J. Fretz	C. E. Cotton, St. Paul.
Miss	162	2,990	7	396	161	719	H. L. Fry	H. Chadwick, Jackson.
Mo	885	11,094	87	36,696	555	38,307	Ralph Graham	H. A. Wilson, Jefferson City.
Mont	266	4,086	10	14,000	136	14,852	J. W. Murdoch	W. J. Butler, Helena.
Nebr				11,858	387	14,035	C. H. Hays	F. R. Woodring, Lincoln.
Nev	157	2,524	10	1,680	13	1,674	F. E. Murray	Edward Records, Reno.
N. H	345	5,817	635	1,509	245	2,234	E. A. Crossman	A. L. Felker, Concord.
N. J	152	2,667	184	267	154	724	W. G. Middleton	J. H. McNeil, Trenton.
N. Mex				1,506	2	1,710	F. L. Schneider	Mat Keenan, Albuquerque.
N. Y	1,428	22,618	4,059	11,624	1,489	15,815	H. B. Leonard	D. W. McLaury, Albany.
N. C	2,582	6,246	24	85,394	59	69,828	A. J. De Fosset	Wm. Moore, Raleigh.
N. Dak	902	14,812	236	6,133	1,405	9,144	H. H. Cohenour	W. F. Crewe, Bismarck.
Ohio	203	3,264	72	2,968	1,062	4,603	Paul Vaughn	F. A. Zimmer, Columbus.
Okla	28	1,497	10	221	373	692	L. J. Allen	J. A. Whitehurst, Oklahoma.
Oreg	1,249	9,552	83	14,500	232	14,732	S. B. Foster	W. H. Lytle, Salem.
Pa	1,073	11,108	413	6,249	2,034	10,643	P. E. Quinn	T. E. Munce, Harrisburg.
R. I	0	0	0	17	17	53	E. A. Crossman	T. E. Robinson, Providence.
S. C	183	928	2	900	129	3,438	W. K. Lewis	W. K. Lewis, Columbia.
S. Dak	53	1,552	1	317	276	688	J. O. Wilson	A. E. Beaumont, Pierre.
Tenn	254	3,198	8	583	296	10,969	E. I. Smith	C. D. Lowe, Nashville.
Tex	36	2,263	5	162	127	433	H. Grafke	L. G. Cloud, Fort Worth.
Utah	850	4,296	60	7,393	99	8,201	F. E. Murray	W. A. Stephensen, Salt Lake City.
Vt	321	5,101	44	1,276	1,836	5,069	L. H. Adams	E. S. Brigham, Montpelier.
Va	284	3,438	41	1,107	992	2,403	R. E. Brookbank	J. G. Ferneyhough, Richmond.
Wash	715	9,102	129	15,668	137	16,201	J. C. Exline	L. C. Pelton, Olympia.
W. Va	123	1,881	67	3,929	374	3,687	George W. Neff	J. H. Stewart, Charleston.
Wis	1,520	26,408	437	3,745	3,204	7,533	J. S. Healy	John D. Jones, Madison.
Wyo	28	345	1	4,263	8	4,854	John T. Dallas	A. W. French, Cheyenne.
Total	23,462	271,579	10,290	342,273	29,982	414,539		

LICENSES FOR VETERINARY BIOLOGICAL PRODUCTS.

License Issued.

License No.	Date.	Name and address of firm.	Product.
176	Aug. 6, 1923	Merit Laboratories, 1411 Orville Avenue, Kansas City, Kans.	Blackleg filtrate.

ANTI-HOG-CHOLERA SERUM AND HOG-CHOLERA VIRUS PRODUCED UNDER UNITED STATES VETERINARY LICENSE IN JULY, 1923.

Serum.			Virus.	
Ordinary.	Clear.	Total.	Simultaneous.	Hyperimmunizing.
C. c. 48,161,492	*C. c.* 17,537,241	*C. c.* 65,698,733	*C. c.* 3,952,916	*C. c.* 13,173,379

IMPORTATION OF HOGS INTO ARGENTINA FROM THE UNITED STATES.

The attention of bureau inspectors is directed to the following regulations of the Ministry of Agriculture for the Argentine Republic:

ARGENTINE REPUBLIC, MINISTRY OF AGRICULTURE,
Buenos Aires, July 13, 1923.

The President of the Argentine nation decrees:

SEC. 1. The importation of hogs from the United States shall be permitted, provided the animals are healthy and come with official certificates issued by authorities under the Department of Agriculture of that country; these certificates must contain, besides the proof prescribed in sections 46 and 48 of the import regulations (reglamento de importación) of January 29, 1903, as amended by the decree of October 6, 1915, in reference to "Peste Bovina" and "Fiebre Aftosa," the information required by the following section in reference to hog cholera.

SEC. 2. The certificates, duly legalized by the Argentine consulate, must state, with regard to hog cholera, the following data which may be included in the same certificate or in a separate one:

(*a*) That the animals have been immunized by an official veterinary of the Department of Agriculture of the United States with serum and virus against hog cholera;

(*b*) That the operation has been made complying with all the requirements stipulated in the regulations of the Department of Agriculture of the United States of December 28, 1917, or those which may have been substituted therefor.

SEC. 3. Let this decree be transmitted, published, and given to the National Recording Office.

ALVEAR.
TOMÁS A. LE BRETON.

The amendment by decree of October 6, 1915, mentioned in section 1 of the aforementioned regulations, has reference apparently to a certificate of the Secretary of Agriculture to accompany live stock to Argentina showing freedom of the United States from foot-and-mouth disease and rinderpest. This certificate is furnished exporters by the bureau inspector at the port in the United States from which swine are embarked.

The reference under paragraph (*b*), section 2, of the Argentine minister's decree to requirements of this department of December 28, 1917, is apparently to Amendment 3 to B. A. I. Order 245, which has been superseded by Regulation 6, B. A. I. Order 273.

RESULTS OF PROSECUTIONS FOR VIOLATIONS OF LAWS.

Penalties have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

28-Hour Law.

Atlantic Coast Line Railroad Co. (7 cases), $700 fines.
Baltimore & Ohio Railroad Co. (2 cases), $200 fines.
Delaware, Lackawanna & Western Railroad Co. (5 cases), $500 fines.
Missouri, Kansas & Texas Railway Co., Chas. E. Schaff, receiver, $100 fine.
Missouri Pacific Railroad Co., $100 fine.
New York Central Railroad Co., $100 fine.
Norfolk & Western Railway Co., $100 fine.
Pennsylvania Railroad Co. (2 cases), $200 fines.
Philadelphia & Reading Railway Co., $100 fine.
Pittsburgh, Cincinnati, Chicago & St. Louis Railroad Co., $100 fine.
St. Louis-San Francisco Railway Co., $200 fine.

Meat-Inspection Law.

Offering uninspected meats for interstate shipment:
Jacob Heckman, Washington, D. C., $10.
E. G. Black, Groton, Conn., $100.
Consolidated Rendering Co., Syracuse, N. Y., $150.
Benjamin Green, East Liverpool, Ohio, $10.
Isadore Kurland, Wilkes-Barre, Pa., $50.
George Kellner, Philadelphia, Pa., $10.
Armour & Co., Alexandria, Va., $10.
Offering immature calf carcasses for interstate shipment:
George H. Fredenburg, Schenevus, N. Y., $50.
Matthew Camp, Sidney, N. Y., $40.
Abe Shulman and Louis Alpert, Hale Eddy, N. Y., $30.
Louis Alpert, Hale Eddy, N. Y., $30.
C. H. Bedell, Sidney Center, N. Y., $50.
C. J. Price, Canajoharie, N. Y., $57.50.
Frank T. Small, Greene, N. Y., $50.
Herbert H. Burton, Mount Vision, N. Y., $30.
Offering unsound meats for interstate shipment:
William J. Roe, Wysox, Pa., $100.
Hiram Kells, Harford Mills, N. Y., $25.
C. H. Bedell, Sidney Center, N. Y., $50.
Salvatore Amato, Washington, D. C., $10.
Star Beef & Provision Co., Camden, N. J., $100.

NEW PUBLICATIONS OF THE BUREAU.

[The bureau keeps no mailing list for sending publications to individual employees, but publications are sent in bulk to officers in charge for distribution to members of their forces. The number of copies sent varies with the subject or nature of the publication and the number and class of employees. Officers in charge will use their judgment and distribute publications to best advantage. So far as possible additional copies will be furnished on request.]

Farmers' Bulletin 1244. Diseases, Ailments, and Abnormal Conditions of Swine. By T. P. White, Division of Hog-Cholera Control. Pp. 26, figs. 8.

Farmers' Bulletin 1330 (revised). Parasites and Parasitic Diseases of Sheep. By Maurice C. Hall, Zoological Division. Pp. 54, figs. 34.

Farmers' Bulletin 1355. Blackleg. By John R. Mohler, Chief, Bureau of Animal Industry. Pp. 13, figs. 3.

Yearbook Separate 879. The Dairy Industry. By C. W. Larson, Dairy Division; A. E. Wight, Tuberculosis Eradication Division; A. J. Pistor, Meat Inspection Division; and others. (From Yearbook for 1922.) Pp. 98, figs. 54.

Amendment 2 to B. A. I. Order 278. Regulations governing the recognition of breeds and purebred animals. Effective May 1, 1923. P. 1.

B. A. I. Order 283, declaring names of counties place in modified accredited areas for tuberculosis. Effective July 23, 1923. P. 1.

ORGANIZATION OF THE BUREAU OF ANIMAL INDUSTRY.

Chief: John R. Mohler.
Administrative Assistant: Charles C. Carroll.
Chief Clerk: J. R. Cohran.
Editor: D. S. Burch.
Animal Husbandry Division: Leon J. Cole, chief.
Biochemic Division: M. Dorset, chief.
Dairy Division: C. W. Larson, chief.
Division of Hog-Cholera Control: U. G. Houck, chief.
Division of Virus-Serum Control: D. I. Skidmore, chief.
Field Inspection Division: A. W. Miller, chief.
Meat Inspection Division: R. P. Steddom, chief.
Pathological Division: John S. Buckley, chief.
Tick Eradication Division: R. A. Ramsay, chief.
Tuberculosis Eradication Division: J. A. Kiernan, chief.
Zoological Division: B. H. Ransom, chief.
Experiment Station: E. C. Schroeder, superintendent.
Office of Accounts: George F. Tucker, in charge.
Office of Personnel: George H. Russell, in charge.

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